

CLAIMS

1. A tire vulcanizing system comprising a vulcanizer for vulcanizing a green tire, a post cure inflator, and a transfer device for receiving a vulcanized tire from the vulcanizer, and transferring the vulcanized tire to the post cure inflator to be thereby delivered to a rim of the post cure inflator;

wherein the transfer device is provided with a means for rotatably holding the vulcanized tire, and is capable of placing the vulcanized tire on a predetermined rotation position on the rim.

2. A tire vulcanizing system according to Claim 1, wherein the predetermined rotation position is a position where a rim-fitting peak value of the rim of the post cure inflator is caused to match an RFV peak value of the vulcanized tire.

3. A tire vulcanizing system according to Claim 1 or 2, wherein the transfer device has a pair of holding means for holding the vulcanized tire, and supports the pair of holding means so as to be rotatable centering round a rotation center axis identical to a rotation center axis of the vulcanized tire,

and to be capable of controlling a rotation angular position, thereby controlling the rotation angular position of the pair of holding means to a rotation angular position where the rim-fitting peak value of the rim of the post cure inflator is caused to match the RFV peak value of the vulcanized tire.

4. A method for vulcanizing a tire, said method comprising the step of setting an identical reference position to un-vulcanized tires, the step of finding a deviation between a maximum value position of RFV of product tires, and the reference position, in the circumferential direction, the step of applying a vulcanization process to the un-vulcanized tires in a vulcanizer, and the step of rotating respective vulcanized tires on the basis of the deviation to be thereby placed on a rim of a post cure inflator.

5. A method for vulcanizing a tire according to Claim 4, wherein in the step of rotating respective vulcanized tires on the basis of the deviation to be thereby placed on the rim of the post cure inflator, the respective vulcanized tires are rotated by a rotation angle for causing a rim-fitting peak value of the rim of the post cure inflator to match an RFV peak value of the vulcanized tire.